

Apparatus and Method for a Telephony Gateway

ABSTRACT

5 A system for connecting a circuit network with a packet network. The system includes a packet switch fabric, a circuit network server, and a packet network server. The circuit network server has a first and second port. The first port of the circuit network server sends and receives circuit-based signals with the circuit network. The second port of the circuit network server sends and
10 receives packet-based signals having packets with the packet switch fabric. The circuit network server also includes a plurality of digital signal processors. A digital signal processor performs packet adaptation and subsequent to the packet adaption a second at least one digital signal processor performs signal processing. The packet network server has a first port for sending and receiving
15 packet-based signals with the packet switch fabric and a second port for sending and receiving packet-based signals with the packet network. The packet switch fabric is capable of transferring packet-based signals among the packet network server and the circuit network server, and among the circuit network server and a second circuit network server.